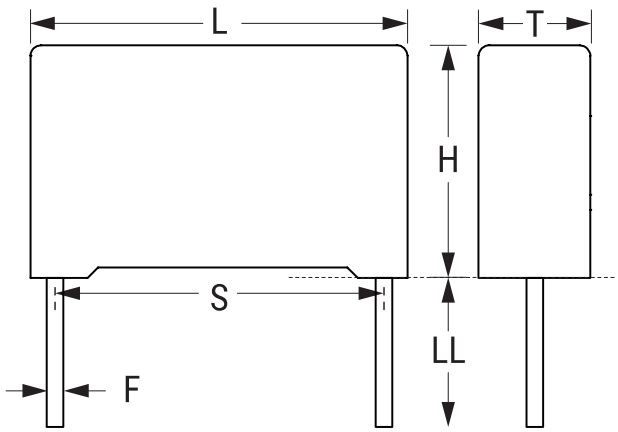
# C4AQHBU4700P1YJ

C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 7 uF, 5%, 600 VDC, 27.5 mm




Click here for the 3D model.

| General Information | |
|---|---|
| Series | C4AQ-P |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | DC Filtering |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200 | Yes |
| Typical Component Weight | 18.6 g |
| Miscellaneous | Rth = 33 C/W. |

| Dimensions | |
|---|---|
| L | 31.5mm +0.5/-0.7mm |
| H | 28mm +0.2/-0.7mm |
| T | 14mm +0.3/-0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 6mm -2mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|---|---|
| Packaging | Bulk, Box |
| Packaging Quantity | 96 |

| Specifications | |
|---|---|
| Capacitance | 7 uF |
| Tolerance | 5% |
| Voltage DC | 600 VDC |
| Temperature Range | -55/+125°C |
| Insulation Resistance | 4.29 GOhms |
| Max dV/dt | 65 V/us |
| ESR | 9.9 mOhms (10kHz 70C) |
| Ripple Current | 9.5 Amps Irms (10kHz 75C), 455 Amps Ipkr |
| Inductance | 24 nH |

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